

PATENT

Case Docket No. IMEC283.001AUS

Date: December 9, 2003

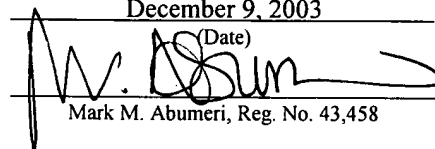
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Rottenburg, et al.  
Appl. No. : 10/663,340  
Filed : September 15, 2003  
For : SWITCHABLE CAPACITOR  
AND METHOD OF MAKING  
THE SAME  
Examiner : Unassigned  
Group Art Unit : 2811

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

December 9, 2003

(Date)

  
Mark M. Abumeri, Reg. No. 43,458

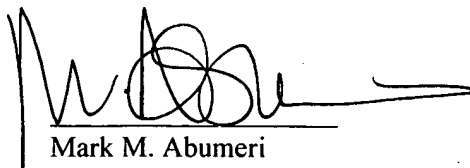
TRANSMITTAL LETTER

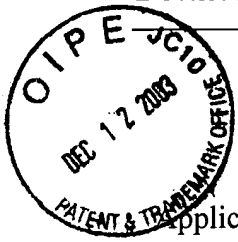
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified application are:

- (X) An Information Disclosure Statement.
- (X) A PTO Form 1449 with seven (7) references.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.
- (X) Return prepaid postcard.

  
Mark M. Abumeri  
Registration No. 43,458  
Attorney of Record  
Customer No. 20,995  
(619) 235-8550



## INFORMATION DISCLOSURE STATEMENT

Applicant : Rottenberg, et al.  
App. No. : 10/663,340  
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Examiner : Unassigned  
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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed is form PTO-1449 listing seven (7) references that are also enclosed.

This Information Disclosure Statement is being filed with an RCE or within three months of the filing date of this application and no fee is required in accordance with 37 C.F.R. § 1.97(b)(1), (b)(2), or (b)(4).

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: December 9, 2003

By: 

Mark M. Abumeri  
Registration No. 43,458  
Attorney of Record  
Customer No. 20,995  
(619) 235-8550

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
IMEC283.001AUSAPPLICATION NO.  
10/663,340INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

(USE SEVERAL SHEETS IF NECESSARY)

APPLICANT  
Rottenburg, et al.FILING DATE  
September 15, 2003GROUP  
2811

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	1.	WO 02/01584 A1	01/03/02	PCT			X	

EXAMINER  
INITIAL

## OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	2.	Muldavin, et al., "High-isolation CPW MEMS shunt switches-Part 1: Modeling", IEEE Transactions on Microwave Theory and Techniques, vol. 48, no. 6, pp. 1045-1052, (June 2000).
	3.	Nguyen, et al., "Micromachined devices for wireless communications", Proceedings of IEEE, vol. 86, no. 8, pp. 1756-1768, (August 1998)
	4.	Rebeiz, et al., "RF MEMS switches and switch circuits", IEEE Microwave Magazine, pp. 59-71, (December 2001).
	5.	Tilmans, et al., "Wafer-level packaged RF-MEMS switches fabricated in a CMOS fab", IEEE, pp. 921-924, (2001).
	6.	Yao, et al., "Micromachined low-loss microwave switches", IEEE Journal of Microelectromechanical Systems, vol. 8, no. 2, (June 1999).
	7.	Yao, J. Jason, "Topical Review: RF MEMS from a device perspective", J. Micromech. Microeng., vol. 10, pp. R9-R38, (2000).

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EXAMINER	DATE CONSIDERED
<p>*EXAMINER: INITIAL IF CITATION CONSIDERED. WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.</p>	